

Abstract of the Disclosure

5 A graphics integrated circuit chip is used in a set-top box
for controlling a television display. The graphics chip processes
analog video input, digital video input, graphics input and audio
input simultaneously. A video scaling system preferably conserves
memory by downscaling video prior to capturing the video in memory
10 and upscaling video after the video is called out of memory.

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SD PAS525747.1-* -09/25/03 12:05 PM